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PCDH9

Purified Mouse Monoclonal Antibody
Catalog # AO2550a

Product Information

Application	WB, ICC, E
Primary Accession	Q9HC56
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	7G3A2
Isotype	Mouse IgG1
Calculated MW	136064
Immunogen	Purified recombinant fragment of human PCDH9 (AA: 24-148) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	5101
Other Names	Protocadherin-9, PCDH9
Dilution	WB~~ 1/500 - 1/2000 ICC~~ 1/50- 1/250 E~~ 1/10000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	PCDH9 is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PCDH9
Function	Potential calcium-dependent cell-adhesion protein.
Cellular Location	Cell membrane; Single-pass type I membrane protein

References

1.Clin Exp Metastasis. 2015 Jun;32(5):417-28.2.J Clin Neurosci. 2012 Apr;19(4):541-5.

Images

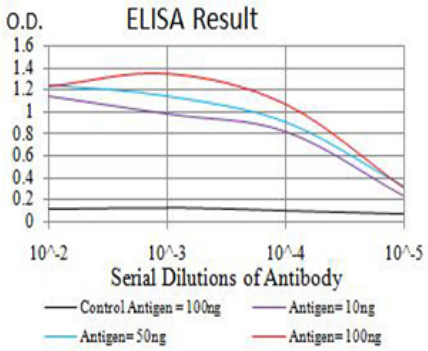


Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

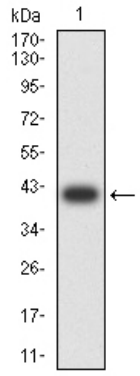


Figure 2:Western blot analysis using PCDH9 mAb against human PCDH9 (AA: 24-148) recombinant protein. (Expected MW is 40 kDa)

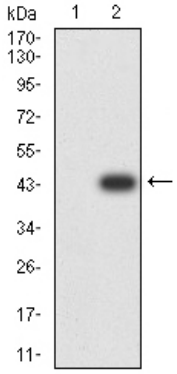


Figure 3:Western blot analysis using PCDH9 mAb against HEK293 (1) and PCDH9 (AA: 24-148)-hIgGFc transfected HEK293 (2) cell lysate.

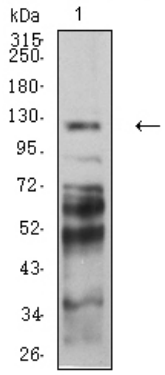
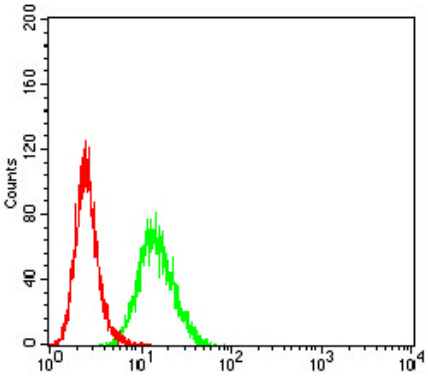


Figure 4:Western blot analysis using PCDH9 mouse mAb against C6 (1) cell lysate.

Figure 6:Flow cytometric analysis of Hela cells using PCDH9 mouse mAb (green) and negative control (red).



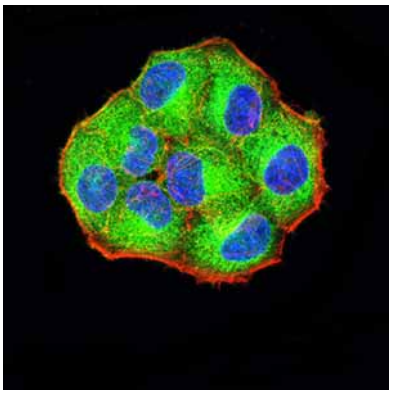


Figure 5:Immunofluorescence analysis of Hela cells using PCDH9 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)